

Fuel cell with improved long term performance, method for operating a PME fuel cell and PME fuel cell battery**Publication number:** JP2002533869T**Publication date:** 2002-10-08**Inventor:****Applicant:****Classification:****- International:** F16J15/06; H01M8/02; H01M8/04; H01M8/10; H01M8/04; F16J15/06; H01M8/02; H01M8/04; H01M8/10; H01M8/04; (IPC1-7: H01M8/02; F16J15/06; H01M8/04; H01M8/10)**- european:** H01M8/02D; H01M8/10B**Application number:** JP20000565578T 19990701**Priority number(s):** DE19981036142 19980810; DE19982015330U 19980826; WO1999EP04570 19990701**Also published as:**

WO0010215 (A1)

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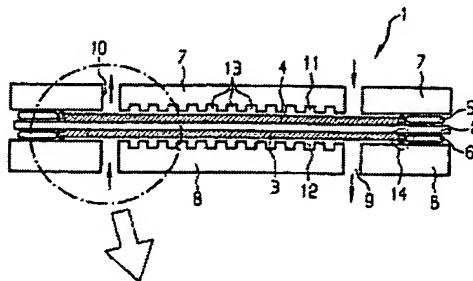
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Abstract not available for JP2002533869T

Abstract of corresponding document: US6852440

The invention relates to a PEM fuel cell which has a new type of edge structure, in which a reservoir of water is formed in a minute gap between membrane and edge seal, which considerably improves the utilization time of a polymer electrolyte membrane, in particular with dry process gases.

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